Anchorage Amateur Radio Club
Next Meeting on January 3
Jeremy Lansman, President of KYES, will present his experiences on Mount Susitna

Officers
President	Randy Vallee, KL7Z
Vice President	Jim Larsen, AL7FS
Secretary	Phil Mannie, KLØQW
Treasurer	Steve Jensen, KLØVZ
Trustee	Jim Feaster, KL7KB
Activities Chairman	John Lynn, KL7CY
News Letter Editor	Jim Larsen, AL7FS
Membership Chairman	Fred Erickson KL7FE
Past Past Past-President	John Lynn, KL7CY

Three Year Board Members
Lil Marvin, NL7DL
Richard Block, KL7RLB
David Stevens, KL7EB

One Year Board Members
Pat Wilke, WL7JA
Jimmy Tvrdy, KL7CDG
Judy Ramage, WL7DX
Craig Bledsoe, KL4E
Sue Hilton, NL7AV
Edie Lynn, KL7EL

AARC web page & Email contact addresses:
Homepage: **http://home.gci.net/~lawson/**
Email Reflector: KL7AA@QTH.NET
Webmaster: lawson@gci.net
President: KL7Z@gci.net
Membership: frederickson@iname.com
Newsletter: JimLarsen2002@alaska.net

News Letter Submissions, Information or corrections:
Submissions must be received 2 weeks before meeting
Email: JimLarsen2002@alaska.net
Mail: 3445 Spinnaker Drive, Anchorage 99516

~~~ HOT LINKS ~~
KL7G CODE PRACTICE SCHEDULE
Schedule: 7:00am, 10:00am, 4:00pm, 7:00pm, 10:00pm
AK time, every day on 145.35 MHz @ 7 wpm

Nets in Alaska:
The following nets are active in South-central Alaska:
Alaska Sniper's Net 3.920 MHz 6:00 PM daily
Alaska Bush Net 7.093 MHz 8:00 PM daily
Alaska Motley Net 3.933 MHz 9:00 PM daily
Alaska Pacific Net 14.292 MHz 8:00 AM M-F
No Name Net 146.85/.25 repeater Sundays 8:00 PM
Grandson of SSB Net 144.20 USB Mondays 8:00 PM local
Big City Simplex Net 146.520, 446.0, & 52.525 FM
        With Packet 145.01 Tuesdays 8:00 PM local
ARES net 147.30/.90 repeater Thursdays at 8:00 PM local
PARKA net 147.30/.90 Thursdays at 7:00 PM local

Anchorage & Mat Valley Area Repeaters
KL7AA systems at Flattop Mt., 2,200 ft
146.94/34 MHz, 80 watts, autopatch, 141.3 Hz PL
224.94/223.34, 25 watts, no patch, no PL
444.70/449.70, 25 watts, autopatch, 141.3 PL
147.27/87 MHz, no patch, Mount Susitna 100.0 Hz
KL7CC, Anchorage Hillside, SCRC & QCWA
146.97/.37 MHz, 30 watts, autopatch, 103.5 Hz PL
KL7M Anchorage Hillside
147.21/.81 MHz, on IRLP, 97.4 Hz PL
KL7ION at Mt. Gordon Lyon, PARKA 3,940 ft
147.30/90, MHz - 80 watts, no patch, 141.3 Hz PL
KL7AIR Elmendorf AFB, EARS
146.67/.07, 107.2 Hz PL
KL7JFU, KGB road, MARA club
146.85/.25, autopatch, no PL
KL7DOB, Alcantra (Wasilla Armory)
146.64/.04, simplex patch, no PL
KL7DJE at Grubstake Peak, 4,500 ft. <down >
147.09/.69 MHz, 25 watts, no patch, 100 Hz PL
444.925/449.925, 10 watts, no patch, 141.3 Hz PL
KL7AA, Mt. Alyeska, 2,400 ft. ??down??
146.76/16 MHz, 25 watts, no patch, 141.3 Hz PL

South Central Area Simplex Frequencies
146.52 Mhz Calling and Emergency frequency
147.57 / 447.57 (crossband linked) HF spotters & chat, 103.5 HZ PL
146.49 Mhz Anchorage area simplex chat
146.43 MHz Mat Valley simplex chat
147.42MHz Peninsula simplex chat

Internet Links, the favorites from our readers:

QRP and Hombrew Links
   http://www.njqrp.org/data/links.html
   http://www.qsl.net/al7fs
AARC   http://home.gci.net/~lawson/
SCRC   http://www.KL7G.org
EARS   http://www.qsl.net/kl7air
MARA www.kl7jfu.com
Moose Horn ARC http://www.alaksa.net/~kl7fg
ARES   http://www.qsl.net/aresalaska
KL7J   http://www.alaska.net/~buchholz
Fairbanks AARC: http://www.kl7kc.com/
Yukon Amateur Radio Association:
http://www.klondike.com/yara/index.html
HAARP Project:
http://server5550.itd.nrl.navy.mil/projects/haarp/
Amateur Radio Reference Library
   http://www.area-ham.org/library/libindex.html
Hamradio: http://www.hamrad.com/
Solar Terrestrial Activity   http://209.130.27.95/solar/
ARRL   http://www.arrl.org/
Propagation Report Recording 566-1819
Please let us know if there are other clubs pages or good starting points that should appear here. Report dead links or bad info to JimLarsen2002@alaska.net.

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NEWSLETTER ARTICLES; All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by mail, computer disk or E-mail to the newsletter editor at the address listed above. Submissions must be in the hands of the editor **no later than the 14 days prior** to the meeting or it may not be included.

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Regular HAM Gatherings:

Alaska QRP Club, Third Friday - 7:00 PM: Hams with QRP (low power under 5 watts) and Homebrewing interests meet for a social meeting monthly. Meet at Denny's on DeBarr & Bragaw in the back room. Info contact Jim Larsen, AL7FS, JimLarsen2002@alaska.net or 345-3190.

Tuesdays Lunch, 11:30 AM to 1:00 PM: Join the gang for lunch and an eyeball QSO at the Royal Fork, "South, on Old Seward Highway. Attendance varies from 8 to 24 each week.

Saturdays Breakfast, 7:30 AM: Here is a good way to get started on the week-end come and meet with some of the locals and have a great breakfast at Phillips Restaurant, at the corner of Arctic and International. Great Fun.

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THIS MONTH'S EVENTS

January 3: AARC general meeting at 7:00 PM in the Carr-Gottstein Building, on the APU Campus. 1st Friday of each month. Talk in will be on 147.30+ repeater.

January 7: VE License Exam 6:30 PM, 1st Tuesday of the month at the Hope Cottage offices, 540 W International. Bring photo ID, copy of license (if any) and any certificates of completion.

January 7: EARS general meeting at 6:30PM Ears meets the first Tuesday of the month at 6:30pm in the club house/shack in the basement of Denali Hall (building 31-270) on Elmendorf AFB. Talk in on 147.67- repeater.

January 10: SCRC general meeting at 7:00 PM the 2nd Friday of the month at Denny's on Debarr & Bragaw. Talk in on 147.57 simplex.

January 11: VE License Exams at 2:00 PM. 2nd Saturday of the month at Hope Cottage 540 W. International. Be sure to bring photo ID, copy of license (if any) and any certificates of completion

January 11: PARKA Meeting at 11:00 AM. 2nd Saturday of the month at Peggy's, across from Merrill Field

January 17: Alaska QRP Club. 7:00PM at Denny's on DeBarr in the back room. Info: Jim Larsen, 345-3190 Bring projects to share with the group. Some show up at 6:00PM.

January 21: AARC Board meeting at 7:00 PM 3nd Tuesday of the month at Hope Cottage 540 W. International. All are invited and encouraged to attend.

January 18: ARES General meeting 9:30 AM to 12:00 PM. 3rd Saturday of the month. Call Dick Block at 277-7260 for questions.

January 31: MARA meeting at 7PM the last Friday of the month in the MTA business office in Palmer.
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Elmendorf AFB Radio Club (EARS)

Ears meets the first Tuesday of the month at 6:30pm in the club house/shack in the basement of Denali Hall (building 31-270) on Elmendorf AFB. Talk in on 147.67- repeater. EARS has a club shack with two HF operating positions, one `packet position, and a VHF position.  For more information contact John Murray, NL7WW at` nl7ww@corecom.net `John is the current club President.`

Alaska QRP Club 3rd Meeting

The Alaska QRP Club held its third meeting on Friday, November 15 at 7:00PM at Denny's Restaurant at 3950 DeBarr Road. Those that wanted supper arrived at 6:00PM. There were 12 hams at this third meeting with more new members arriving bringing the total to over 20.

The program consisted of show and tell, lots of good conversation, antenna trouble shooting for a member and ended up with a great slide show by John Hendricks, AL7OK on the effects of height on a dipole pattern. Gordon Nightengale brought a keyer that he had homebrewed and the first completed RockMite 20 rig was shown off by AL7OK. There were a few other items that I cannot recall at this time but it was lots of fun.

Remember, in the QRP Club, first and foremost, there will be no officers, directors, nor constitution. Neither will there any dues. We will concentrate on fun, action and social gathering.

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Subject: So You Want to be a Builder, Huh? Part 5
Doug Hendricks, KI6DS

If you have been following this series you know that I promised that we would be building a full fledged transceiver in this installment. The kit that I recommend for this section is the Small Wonder Labs SW40+, designed and sold by Dave Benson, K1SWL. Dave is a wonderful designer, and his rigs work great. You will be building a quality transceiver capable of providing many, many hours of qso's. In fact, if I were limited on funds, and only had a few bucks to spend on this hobby. this would be the rig of choice.

Note: I recommend Alaska kit builders only buy the 20 meters kit. There is not enough activity on 40 meters for a 2 watt rig but plenty on 20 meters. AL7FS

Why 40 meters? Well, 40 is open pretty much around the clock to somewhere. QRP is a fun hobby, but you do want to make contacts when you operate. The SWL40+ puts out about 2 Watts, has a very stable VFO that covers 40 Khz of the band (and you get to select which part of the band you want to cover), the receiver is very good, has a sensitivity of -130dB or more, and is easy to build. The manual is excellent. The cost? $55 for the board and parts. You supply the connectors and controls and the case, but all of these can be bought at Radio Shack, or you can order them from Mouser. Typically it will cost about $15 for a case, connectors and controls.
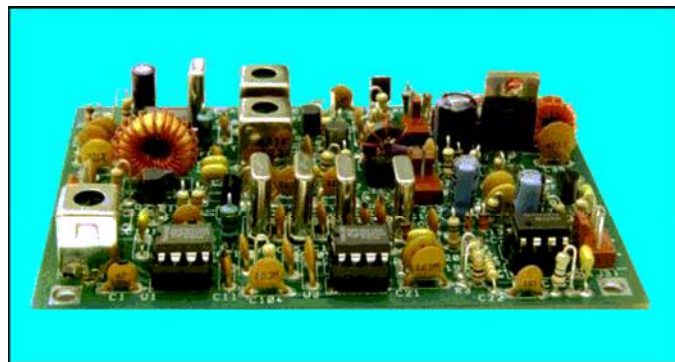
Note: You can buy the case and all connectors and chassis parts from Small Wonder Labs. (see below) AL7FS

The SWL40+ was also the series of postings on QRP-L where several experts took the rest of us through building the radio stage by stage, had us test it as we went, and explained exactly what was happening almost part by part. This series was the subject of an entire issue of QRPp, Fall 1998. Reprints of this issue are available from me for $20 (you get all 4 issues in the bound set, plus the Winter issue is dedicated to building the 2N2222/40 by Jim Kortge, another great project.). I'll give you details on ordering the back issues at the end of this.

There are lots of single band kits out there. Why did I pick the SW40+? Well, first of all is the cost and what you get. This is a transceiver that is a superhet receiver, vfo controlled, and puts out 2 Watts. The board is well layed out, and every part fits. No bending of capacitor leads, Dave does it right. Most other single band kits come complete with a case and connectors, but they drive up the cost a bunch. Dave's method of selling you just the board and parts, and letting you get your own controls, connectors and case is sometimes a lot cheaper, especially if you get a deal at a swapmeet or hamfest.

Another reason is the Elmer 101 course. I think that it is a wonderful resource, and is even probably on the net somewhere. You get all of these guys who know what they are talking about guiding you as you build. It doesn't get any better than that. But the biggest reason I picked the SW40+ is that when you get it built, you will be able to use it and make contacts. Now we have a VFO controlled rig. What a huge step up in convenience and fun that is. Plus, with this kit, you determine what portion of the band you are going to use it on. And, we have a fantastic receiver here. This is a superhet, and that means single signal reception, and selectivity. You won't hear the whole band when you listen.

Here is a summary of the kit's features:
Single-board transceiver, 2.8 x 4.0" (7 x 10.1 cm)
Commercial-quality board, masked and silkscreened
True VFO: 35-40 khz coverage
Superheterodyne design, with crystal filtering
Quiet solid-state T-R switching (QSK)
Output Power Adjustable- 2.5W max.
Power supply reverse-polarity diode
5 toroids to wind.
3 Crystal filter for improved skirt selectivity. A grounding point for the crystal cases is also provided to reduce filter 'blow-by'.
The PA is a T0-220 device, capable of more output power than the original. Should you wish to modify the design slightly for more power, there's now space for a TO-220 heatsink.

All in all, I think the SWL40+ is the very best bargain, dollar for dollar, in ham radio today. If you were to build your own case and scrounge for controls and connectors, you could be on the air for $60 with a VFO controlled transceiver that has a superhet receiver. Unbelieveable 10 years ago.

Here's the information on how to order your SWL40+ kit:

SW+ Series Board Kit Price:
The SW+ series is currently available for 80M, 40M, 30M or 20M. The SW+ series is $55 (postpaid) to US and Canada.

Send your orders to:

Small Wonder Labs
32 Mountain Road
Colchester, CT 06415

Specify that you are ordering the SWLXX+ and replace the XX with the band, i.e. SWL40+ for the 40 meter version. **(AL7FS recommends you buy a 20 meter version for Alaska use, i.e. SWL20+.)**

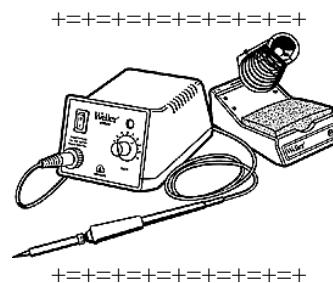Or, if you wish go to the following URL and order your kit via PayPal or credit card.

http://smallwonderlabs.com/orderform_US.htm

You will need to scroll down to the SWL40+ section. Also be sure to check the enclosure, connector and control kits on the same page.

Hope you enjoyed this installment. The next one will deal with building a project from a schematic!! Exciting stuff. 72, Doug, KI6DS

For another article on the SW40+ and the Elmer 101 course see the following URL:

http://www.qsl.net/al7fs/AL7FS3.html   AL7FS

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News from the MARA Club up in the Valley

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Here's a list of the MARA officers and
board members.  They have more board
positions, as the club has grown some 80%
in the last year. www.kl7jfu.com

President:   Len Betts, NL7LB
Vice-President:  Woody Duncan, KL0TS
Secretary:  Tim Comfort, NL7SK
Treasurer:  Ray Hollenbeck, KL1IL  (a new
ham and an accountant)
Board:  George Strother, KL7GS
Board:  Richard Plack, KL7DY
Board:  Dan O'Barr, WL7BD
Board:  Garth Massey, KL0XP
Board:  Charles Elliot, AL7MR

Elected, but not board members:
Activities Director:  Wayne Groomer,
KL7HHO
Assistant Activities Director:  Teresa
Nunes, KL0WW
Newsletter Editor:  Woody Duncan, KL0TS
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(Unapproved)
Anchorage Amateur Radio Club Board Meeting,
December 17, 2002

The AARC Board meeting was held on Tuesday, December 17, 2002 at Hope Community Resources Administrative Building, 540 West International Airport Road. The meeting was called to order by President Randy Vallee, KL7Z, at 7:00 PM. The following officers were in attendance: President Randy Vallee, KL7Z, Secretary Phillip Mannie, KL0QW, Treasurer Steve Jensen, KL0VZ, Activities Manager John Lynn, KL7CY and Trustee Jim Feaster, KL7KB. Also in attendance were Directors Richard Block, KL7RLB, David Stevens, KL7EB, Edie Lynn, KL7EL, Judi Ramage, WL7DX, Jimmy Tvrdy, KL7CDG, and Pat Wilke, WL7JA. VEC Chairman Jim Wiley, KL7CC, and club members John Murray, NL7WW and Susan Woods, NL7NN were also present.

Minutes from the November 19 Board meeting were reviewed and accepted with minor changes.

President Randy Vallee appointed Jimmy Tvrdy Board Parliamentarian.

Visitors' Forum
John Murray questioned election procedures related to the November club election. The matter was deferred to New Business.

Susan Woods presented a proxy for the December Board meeting from Director Lil Marvin, NL7DL. The proxy was rejected due to the lack of a signature.

Reports

Treasurer's Report
Outgoing Treasurer Richard Block reported that the club now has a good management system in place. A Directed Review of club financial affairs is to be conducted by Lisa Rogers. CCV installed assets, parts and materials have been inventoried. A portion of the retainer paid to attorney Chuck Dunnagain in connection with the State Gaming Settlement will be returned.

Gaming Committee Report
John Lynn reported that a 2003 State Gaming Permit renewal has been filed and that two people are needed for the Gaming Committee. The State is reviewing the draft gaming settlement.

Richard Block reported that new State gaming regulations come into effect January 1, 2003.

VHF Committee Report
Note from Doug Dickenson, KL7IKX. 94 audio problems need to be addressed. John Murray reported that ANCHOR is still down and that 220MHz hardware is needed for a control link.

John Lynn moved that the phone line for ANCHOR be dropped. Second by Jimmy Tvrdy. Randy Vallee asked for an estimate of the time involved to effect repairs. Richard Block moved to table the discussion, seconded by Jim Feaster.

VEC Report
Jim Wiley reports that the remote testing web site is in beta test and that a new VE certification process has been instituted.

ARES
Richard Block reports that ARES IDs have been issued. The city is to expand the ARES area in the Anchorage EOC. The Anchorage Emergency Response Plan is under review and ARES should review its responsibilities under the plan and propose revisions.

HAMfest
ARRL requests that arrangements for HAMfest speaker Ed Hare, W1RFI be firmed up; David Stevens working on it.

Old Business
Richard Block reports that GIS software has not yet been acquired.

New Business
Randy Vallee directed Phillip Mannie to draft a letter of thanks to Ted Wilke for the donation of cabinetry work for the CCV.

Richard Block suggested that provision be made for items to be given to non-club members as gestures of appreciation and that awards for CCV construction participation be presented at January 2003 club General meeting.

John Lynn introduced a motion for expenditure not to exceed $500 for Mt. Susitna repeater antenna. David Stevens seconded, motion carried.

Parliamentarian Jimmy Tvrdy advised the Board that the election committee had the authority under the by-laws to decide how to resolve the November club election tie.

Randy Vallee appointed Corliss Kimmel, AL1G as Special Events Coordinator.

John Lynn requested information on upcoming HAM licensing classes in Anchorage and requests ideas for General Membership meeting programs.

Richard Block will e-mail the proposed 2003 budget to Board members. Judi Ramage suggested a special Board meeting to consider the 2003 budget. The special meeting is scheduled for 7:00PM, Monday, December 30, 2003 at the Hope Community Resources Administrative Building, 540 West International Airport Road.

There being no further business, Judi Ramage moved to adjourn, seconded by Jim Feaster. The meeting was adjourned at 9:07PM.
Submitted by Phillip Mannie, KL0QW, Secretary

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N2CQ QRP CONTEST CALENDAR

January 2003

40 METER FOXHUNTS
Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.
     Info: http://www.cqc.org/fox
Truffle Hunt - Thursdays - 30 min before Fox Hunt
     Info: http://fpqrp.com/pig_hunt.html
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Adventure Radio Society - Spartan Sprint (CW) ... QRP Contest!
Jan 7 - 0200z to 0400z (Monday Evening US/Canada)
Rules:
http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html
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Michigan QRP Club Contest (CW) ... QRP Contest!
Jan 18 - 1200z to Jan 19 - 2359z
Rules: http://www.qsl.net/miqrpclub
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North American QSO Party (SSB) (QRP Entries Noted)
Jan 18 - 1800z to Jan 19 - 0600z
Rules: http://www.ncjweb.com/naqprules.php
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72 de Ken Newman - N2CQ
N2CQ@ARRL.NET
http://www.njqrp.org/data/contesting.html

Section ARES Report

The Section which comprises the State of Alaska is arranged into Districts using the State Local Emergency Planning District lines. There are 29 LEPD's and 29 ARES Districts. Out of the 29 LEPD's, we have 10 that have some kind of ARES organization. Some of the LEPD's cover areas where there is very sparce population and mostly wilderness.
For a map of the LEPD's go to: http://www.ak-prepared.com/serc/lepd1.htm and the second map is at: http://www.ak-prepared.com/serc/lepd2.htm.

We are working to build up the ARES groups within the Section. Amateur Radio Emergency Service is not an option, it is part of our licensing. We are privileged to have all the band width that we have in order to provide emergency communications services to our communities and our state.

We have developed the minimal training requirements for the ARES groups. Those requirements are:

Level I of the ARRL Emergency Communications Course
Proficiency in the National Traffic System and handling traffic
Incident Command System

I have been trying to find ways that minimized the financial impact on those who are taking the ARRL course. Some are taking it under the new Homeland Security Grant. I am also looking into other ways that the course can be provided.

There is no cost for the NTS training, just a willingness to participate. A good website for information on NTS is at: http://www.gis.net/~ka1tuz/national_traffic_system.htm.

Free training on the Incident Command System can be had by going to the FEMA website and taking their on-line courses. The URL for the courses available is: http://training.fema.gov/EMIWeb/crslist.htm.

The Section maintains a website with all the documents generated in the Section and other very good information at: http://www.qsl.net/aresalaska/index.html.
It would be good if you look up and read the Section Plan and your District Plan. There are specific rules and regs in the Section Plan for how the ARES groups are to operate within the Section.

I see a lot of good things happening in ARES within the Section and I want to encourage those who are working so hard to make this happen. It is not a matter of "IF" we have an emergency but "WHEN". This year we have already had floods and a major earthquake. Will you be prepared WHEN we have the next one?

Just because you have a radio and can operate doesn't mean that you would be effective during an emergency. It takes training and knowledge of how to operate within the system or else you cause more problems than you help. I encourage you - each one of you – to join ARES and get the training so that WHEN the next emergency happens you can make a difference!

Every month I send in a report to ARRL HQ concerning the activities of the ARES units within the Section. I need your reports in order to do that. The report has a list of the ARES units and if I have received information, I add it by your District Name.

If anyone has any questions feel free to send me a radiogram or an email at: ad4bl@arrl.net .

Linda Mullen AD4BL
Section Emergency Coordinator Alaska

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Anchorage Amateur Radio Club
Summary of Financial Affairs
January-November, 2002

Assets

Gaming Account	$146,413
All other Current Assets	$122,185
Fixed Assets	$195,874
Boniface Bingo	$19,989
Total Assets	$484,461

Liabilities	$0
Equity	$484,461
Operating Income	$8,863
Operating Expenses	$30,566
Gaming Income	$123,687
Contributions	$8,567
Gaming Funds xfrd to General Acct.	$152,500

This summary does not include notes or other information which are an integral part of a complete Financial Statement and should not be relied upon as a complete or accurate statement of the Club's Financial Condition.

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Great QRP web pages

http://www.njqrp.org/data/links.html

http://www.qsl.net/al7fs/

QRP - Getting Started - Using your current rig on QRP
http://www.qsl.net/al7fs/AL7FS1.html

Elmer 101 and Low-Cost QRP Transceivers - SW40+, SST
http://www.qsl.net/al7fs/AL7FS3.html

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Mount Susitna Repeater!!

The Mount Susitna 2 meter repeater is on the air on 147.27 with plus offset and a tone of 100.0 Hz. It's really way up there so give it a try. This is a KL7AA repeater that is being operated by ARES for the benefit of SouthCentral Alaska hams.

Anchorage Amateur Radio Club General Meeting, December

Great Christmas Party at Royal Fork Restaurant. Thank you to John and Edie Lynn for setting up the party and to Jim Tvrdy for running the Chinese Auction gift exchange**.**

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Ham Stuff for Sale

Icom IC-706 - 160 to 10, 6, 2 meters 100 Watts $400

Vectronics VC-300-300 Watt antenna tuner $90

Icom IC-820H-144/440 All Mode Transceiver Sat. ready $350

Kantronics KPC-3 - Packet TNC $75

Alinco DR-1200-144 mhz 25 watt Packet Radio(NO Microphone $75

All Include Power cord, manual and microphone (except Alinco DR-1200 above).
Contact Simon - N L 7 V R - Day 563-4111 or evenings at 561-0340

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More For Sale Items

** 19" X 7ft X 24in deep Telco Equipment Cabinet.
    Old Novatel Cellular Switch Cabinet.
    Side louvers and fan mounts on top plate.
    Doors on both sides. Two DC breaker panels.
    Several shelves and sliding brackets. $500

** Trace 2624 Inverter. 24V/2500 Watts
    Very little use. $250

** (2 each) Trace C-40 Charge Controller/Load Diverter/Low Voltage Disconnect.Field selectable 12V/24V/48V jumpers.New in Box. $60 each.

Mike Willmon, P.E. (AL1D)
mwillmon@gci.com
Tel: 868-5710   or at home at 677-8100
Fax: 868-5747

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New For classified Ad page
An Announcement from KL7G Sysop

The KL7G webpage url, http://www.kl7g.org will be hosting a classified ads page software donated by the FAA Amateur Radio Association (KL7FAA) for all hams to use..also there DXCluster is up and running smoothly now on telenet.. to access the cluster just telenet **to 24.237.4.235 port 8000** and

login with your callsign. The Telenet program that came with windows is lame..I recommend using a free program call puTTY it is downloadable from the net..just search for puTTy.. The 2 meter radio access is going to be back online soon. A full set of instructions are online for the cluster at the KL7G webpage..Also, any members wishing to host a webpage on the KL7G server is welcome..just drop me an e-mail I will set them up with an account. Accounts also come with an e-mail address @kl7g.org .
73 es have fun!

Frank KL7FH sysop KL7G
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A Few Notes:

1. Remember the Anchorage Amateur Radio Club (AARC) **newsletter** can be read **online** at:

http://home.gci.net/~lawson/

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2. **Alaska QRP Club** meets the Third Friday of every month - 7:00 PM (Some show for dinner at 6PM): Hams with QRP (low power under 5 watts) and Homebrewing interests meet for a social meeting monthly. Meet at Dennys (in the back room) on DeBarr near Bragaw. Contact is Jim Larsen, AL7FS, JimLarsen2002@alaska.net or 345-3190. Information on the QRP Club and what kits we are building can be reviewed online in the past two AARC newsletters at http://home.gci.net/~lawson/

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Section Traffic Report

Currently in Alaska we have 12 organized nets that have been reported to me. They are:

*Alaska Morse Wire
Big City Simplex Net
*Snipers Net
Parka Net
Motley Group
Mara No Name Net
*Bush Net
*Anchorage Area VHF ARES Net
*Interior VHF Net
Anchorage HF Pactor Gateway
Northern SE AK ARES Net
*Alaska CW Net

The net frequency that the Snipers Net uses becomes the Alaska Emergency Frequency when we have an emergency.

That frequency is 3920 and was utilized as a meeting point during the 7.9 earthquake on Nov 3.

The folks working on long haul and State-wide traffic handling have worked out our communications links to the lower 48 using HF CW and Pactor to reach the west coast. Traffic bound to Alaska uses the same routes.

We need CW operators all over the State to help manage traffic. Those of you who check into the nets via CW please consider working with the ACWN to help move traffic. They will work at any speed and will do any training you might need to handle traffic.

Every month I send in reports of our nets and traffic to ARRL HQ. I need you to send in the reports for every net both local and state-wide. The report is simple: number of sessions, number of check-ins, number of traffic handled, and signed by the net manager. Please use the ACWN to send in your reports. If you don't know how to format a formal message, the operators will help you do that. I have been getting regular reports from the nets that have * in front of the name. Thank you much!! If there are other nets operating in the Section that are not listed above, please advise me and I will add them.

The National Traffic System is very efficient and works well. I received a message from my friend in Northern Florida in 1 day. You can't do that via postal service. When we have a full scale emergency, we may loose our commercial communications services, that is when the NTS system shines. We can still operate and send messages. I send birthday, Thanksgiving, Christmas, and general messages. It is free! It is very personal! My family love to get the messages. It is a way to tell folks about amateur radio and the services we provide.

I can be contacted via the ACWN or email at: ad4bl@arrl.net.

Amateur radio is all about communication, both local and long haul. Come join us and see how much fun it is. Every day handling of traffic is good practice for traffic handling during emergencies. It is an automatic response. The Section Plan on the Alaska ARES website has some instructions for handling traffic during emergencies, I recommend it for your reading pleasure.

See the SEC Report in this newsletter for Internet sites for information on the Section Plan and NTS.

Linda Mullen AD4BL
Section Traffic Manager Alaska

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A Word to the Wise

http://www.google.com/ is the place to go for help in finding almost anything. Google is a great search engine and if you go to the advanced search, you can search for exact phrases. Give it a try.   AL7FS

The attached listing of simplex and repeater frequencies in South Central Alaska, and statewide net frequencies is provided courtesy of Dan O'Barr, WL7BD. Please advise him directly of any corrections or updates to this comprehensive listing, and be sure to thank him for all of his hard work on this worthwhile public service project.

Craig
Bledsoe, KL4E
AARC Board Member

Amateur Frequencies and nets in the area
From dan@obarr.net Dan O'Barr, WL7BD (907) 373-2569

VHF & UHF Amateur Repeaters in South Central Alaska
* = best ones to reach from the Mat-Su Valley

Out \ in tone	location	callsign	sponsor	features	last known status
145.45 - 100.0	Eagle River	KL7GG	KL7GG	closed	?
*145.49 - none	Trapper Creek	AA0NN	NL7YK		good
*146.64 - none	Mat Valley	KL7DOB	WL7BD	phone patch	good
146.67 - 107.2	Elmendorf AFB	KL7AIR	E.A.R.S.	?	good
146.76 - 141.3	Girdwood	KL7AA	A.A.R.C.	?	good
146.76 - ?	Seward	KL7FH	KL7FH	I-phone & linked	good
146.82 - 103.5	S. Anchorage	KB8JXX	?	I-phone & linked	?
*146.85 - none	Mat Valley	KL7JFU	M.A.R.A.	phone patch	good
146.88 - none	Kenai	AL7OJ	Moose Horn A.R.C.		good
146.91 - ?	Homer	KL7JL	?	?	off
146.94 - 100.0	S. Anchorage	KL7AA	A.A.R.C.	phone patch	good
*146.97 - 103.5	S. Anchorage	KL7CC	S.C.R.C.	phone patch	good
147.09 + 100.0	Mat Valley	KL7DJE	WL7HE	wide area	off
*147.15 + 107.2	Chugiak	NL7J	NL7J	phone patch	good
147.21 + 97.4	S. Anchorage	WL7NG	KL7M	I-phone & linked	good
*147.27 + 100.0	Mt. Susitna	?	ARES	wide area	good
*147.30 + 141.3	N. Anchorage	KL7ION	P.A.R.K.A.	ARES net	good
147.39 + 100.0	Eagle River	KL7GG	KL7GG	closed	?
*147.57 / 103.5	Mat Valley	KL7CC	S.C.R.C.	Cross Band Link	good
447.57 "	" "	"	"	" " "	"
*147.78 - ?	Ft. Richardson	?	A.D.E.S.	closed	good
224.94 - ?	S. Anchorage	KL7AA	A.A.R.C.	?	good
444.10 + 100.0	Eagle River	KL7GG	KL7GG	closed	?
444.30 + 103.5	Turnagain Arm	WL7NG	KL7M	I-phone & linked	off
444.50 + 100.0	Ft. Richardson	KL7GG	A.D.E.S.	closed	?
*444.70 + 100.0	S. Anchorage	KL7AA	A.A.R.C.	phone patch	good
444.80 + ?	S. Anchorage	AL7OB	AL7OB	?	off
444.85 + ?	S. Anchorage	KB8JXX			off
444.90 + 103.5	S. Anchorage	WL7NG	KL7M	I-phone & linked	good
444.925 + 141.3	Mat Valley	KL7DJE	WL7HE	wide area	off
*444.975 + 100.0	Palmer	WL7WW	WL7WW		good
*444.95 + ?	S. Anchorage	KL1SLE	KL7FH	wide area	good
*447.57 / 103.5	Mat Valley	KL7CC	S.C.R.C.	Cross Band Link	good
147.57 "	" "	"	"	" " "	"
449.65 - ?	W. Anchorage	KL7G	S.C.R.C.	portable	?

FM Simplex: National: 52.525, *146.52, 446.0, Valley: *146.43, Anchorage: 146.46, 146.49, Kenai: 147.42

Packet: 3.605, *145.01**,** 145.03, 145.05**,** 145.07, 147.36, 147.96, and 440.05

Nets:

MARA Net 146.85/.25 Repeater Sundays 8:00 PM local followed by 6 meter check-ins on 50.150 USB.
QCWA Net 146.97/.37 Repeater Sundays 8:00 PM local. (No longer active)
Son-of-Sideband Net 144.200 USB Monday 8:00 PM local.
Big City Simplex Net 146.52, 446.00, and 52.525 FM simplex Tuesday 8:00 PM local.
PARKA Net 147.30/.90 Repeater Thursday 7:00 PM local.
ARES Net 147.30/.90 Repeater Thursday 8:00 PM local.
Alaska Pacific Net 14.292 USB 8:30 AM local Monday through Friday.
Alaska Sniper's Net 3.920 LSB 6:00 PM local daily.
Alaska Bush Net 7.093 LSB 8:00 PM local daily.
Alaska Motley Net 3.933 LSB 9:00 PM local daily.
Alaska Swap & Shop 7.093 LSB Mid-day Saturday.

More about Amateur Radio Emergency Service

Material taken from:
http://www.arrl.org/FandES/field/pscm/intro.html

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Please visit this site for the full story
on ARES and emergency communications.
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Introduction

Throughout our history, we amateurs have established a reputation for public service communications which is of the greatest importance to our continued occupation of frequencies. At first, this service was rendered spontaneously and on an individual basis. As time progressed, the need for and value of organization became evident, resulting in the establishment of organized trunk lines and net systems; later the Amateur Radio Emergency Service (ARES) and the National Traffic System (NTS) were formed to complete the organization. The ARRL Field Organization includes the combined facilities of the Amateur Radio Emergency Service, as it has developed since 1935, and the National Traffic System, which was begun in 1949.

It is significant that Part 97 of the FCC's Rules and Regulations states, as the first principle under "Basis and Purpose," the following:

> *"Recognition and enhancement of the value of the amateur service to the public as a voluntary non-commercial communication service, particularly with respect to providing emergency communications."*

ARES and NTS exist as the League's implementation of this basic principle. ARES and NTS have much in common. Every emergency net is bound to be, to some extent, a traffic net, and every traffic net should be prepared to take on various forms of emergency-related communications duties. Emergency-conscious and traffic-conscious operators have this in common: They both derive their chief reward out of activities which are directly beneficial not only to Amateur Radio, but also to their communities and country.

Implementation: The ARRL Field Organization

Basic Organization and Functions

The organization chart in Figure 1 shows how ARES and NTS work together from top to bottom. Most ARES nets exist only at the local level, and are tied into NTS at local or section level for integration into the national system. The overall support for all levels of ARES and NTS is provided by the Field Services Department at ARRL Headquarters.

Leadership in the emergency division (ARES) is exercised by the Section Emergency Coordinator and the District ECs and local ECs, as shown; in the traffic division (NTS) by Section Traffic Manager and by Net/Node Managers at the local and section levels.

Usually, emergency operation is initiated at the local level and is the business of the ARES local Emergency Coordinator. Even if the emergency situation transcends the local level and becomes of statewide, regional, or even national concern, the immediate situation and what to do about it are primarily the concern of local ARES officials. Much of the emergency messages and other communications will be generated by civic and welfare officials, or at their request, with resulting logistical challenges in effecting their conveyance, are handed to the ARES for solution.

While ARES and NTS are two of the ARRL's public service organizations, it should not be concluded that this is all that there is to Amateur Radio public service, or that this is the extent of the League's interest in public service communications. On the contrary, there are many other amateur public service operating groups under different sponsorship which are a vital part of the public service function of the Amateur Radio Service. As such, they merit and receive the League's recognition and assistance to the extent desired and feasible.

Section I: The Amateur Radio Emergency Service (ARES)

Chapter One: Amateur Radio Emergency Service (ARES)

The Amateur Radio Emergency Service (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization, is eligible for membership in the ARES. The only qualification, other than possession of an Amateur Radio license, is a sincere desire to serve. Because ARES is an amateur service, only amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

1.1 ARES Organization

There are four levels of ARES organization--national, section, district and local. National emergency coordination at ARRL Headquarters is under the supervision of the ARRL Field and Educational Services Manager, who is responsible for advising all ARES officials regarding their problems, maintaining contact with federal government and other national officials concerned with amateur emergency communications potential, and in general with carrying out the League's policies regarding emergency communications.

1.2 Section Level

At the section level, the Section Emergency Coordinator is appointed by the Section Manager (who is elected by the ARRL members in his or her section) and works under his/her supervision. In most sections, the SM delegates to the SEC the administration of the section emergency plan and the authority to appoint District and local ECs. Some of the ARRL sections with capable SECs are well-organized. A few have scarcely any organization at all. It depends almost entirely on who the section members have put into office as SM and whom he/she has appointed as SEC.

1.3 Local Level

It is at the local level where most of the real emergency organizing gets accomplished, because this is the level at which most emergencies occur and the level at which ARES leaders make direct contact with the ARES member-volunteers and with officials of the agencies to be served. The local EC is therefore the key contact in the ARES. The EC is appointed by the SEC, usually on the recommendation of the DEC. Depending on how the SEC has set up the section for administrative purposes, the EC may have jurisdiction over a small community or a large city, an entire county or even a group of counties. Whatever jurisdiction is assigned, the EC is in charge of all ARES activities in his area, not just one interest group, one agency, one club or one band.

For more Info on joining SouthCentral ARES contact: Dick Block, KL7RLB at 277-7260 or via email at   rlblock@sinbad.net   or

Phil Mannie - KL0QW at   kl0qw@alaska.net

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Coming in Future newsletters

We hope to include overviews and highlights about our several committees that AARC has established to take care of various needs. Committees to be covered in the future include the VHF committee, the VEC, and other committees as soon as we can find them.
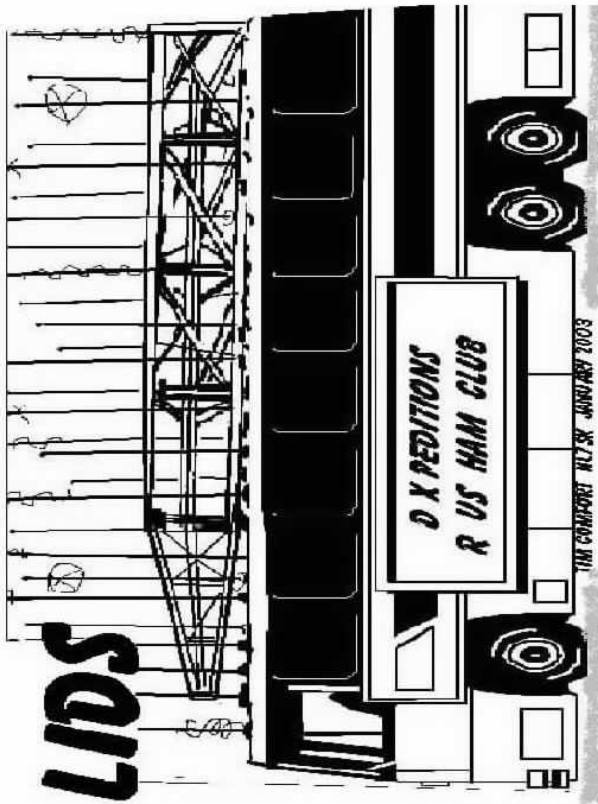
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Ask Yourself…

Are you ready for an emergency? Every emergency - whether it's a tornado, hurricane, flood, forest fire, ice storm, missing person, 911 phone center outage, or 9/11 itself - is different. However, the planning process and the basic checklist remains the same. Are your handheld (and larger) batteries charged, are your radios and antennas packed and ready to go, do you have a small "go kit" or bag with whatever personal stuff (and your radios) which you might need for a day or two, is your generator serviced and filled, do you have any forms you may need (e.g., Radiograms), do you know what HF/VHF/UHF nets will be used, when was the last time you checked into ODEN or your local emergency net, have you made contact with your local EC lately, do you know who your EC is, as an EC when was the last time you made contact with your local emergency manager? And the list goes on. Nothing can take the place of good planning. And once the emergency starts, it is run on experience, training, and good judgment ... but it all starts with planning.
So ... Are you ready for an emergency?
(http://www.aresva.org/)

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